Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004985.D
Acq On : 03 Oct 2018 22:28
Operator : JC/MD
Sample : PB113446ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Quant Time: Oct 04 01:28:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	274887	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	463081	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	438397	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246048	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	198139	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
35) Dibromofluoromethane	5.51	113	175681	44.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.52%				
50) Toluene-d8	8.72	98	642306	49.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.46%				
62) 4-Bromofluorobenzene	11.14	95	237422	50.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.02%				
Target Compounds							Qvalue
6) Chloroethane	1.71	64	82	Below Cal		#	1
8) Diethyl Ether	2.18	74	479	0.209	ug/l		81
11) Tert butyl alcohol	3.03	59	3872	3.527	ug/l	#	81
13) Acrolein	2.31	56	209	0.268	ug/l	#	64
16) Acetone	2.45	43	22678	9.892	ug/l		93
18) Methyl Acetate	2.78	43	14001	2.410	ug/l		96
20) Methylene Chloride	2.85	84	5727	0.894	ug/l		94
25) 2-Butanone	4.71	43	5943	1.759	ug/l		98
29) Tetrahydrofuran	5.17	42	2360	1.124	ug/l	#	88
31) Cyclohexane	5.66	56	5075	1.016	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	18003	3.362	ug/l	#	46
38) Carbon Tetrachloride	5.67	117	25646	4.556	ug/l	#	16
43) Isopropyl Acetate	6.46	43	250431	24.411	ug/l		95
48) Methyl methacrylate	7.88	41	23161	4.974	ug/l	#	44
51) 4-Methyl-2-Pentanone	8.62	43	4587	0.710	ug/l	#	37
52) Toluene	8.79	92	2609	0.283	ug/l		86
54) cis-1,3-Dichloropropene	8.62	75	1655	0.289	ug/l	#	61
56) Ethyl methacrylate	9.32	69	103	2.877	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	8.32	63	55	14.257	ug/l	#	49
59) 2-Hexanone	9.55	43	16375	3.042	ug/l	#	51
68) m/p-Xylenes	10.36	106	5305	0.761	ug/l		94
69) o-Xylene	10.70	106	1790	0.279	ug/l		90
70) Styrene	10.71	104	446	2.176	ug/l	#	31
74) N-amyl acetate	10.90	43	69	1.756	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	115132	20.877	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.14	75	115132	56.663	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	8607	0.391	ug/l		99
95) Naphthalene	13.83	128	4733	0.947	ug/l		98

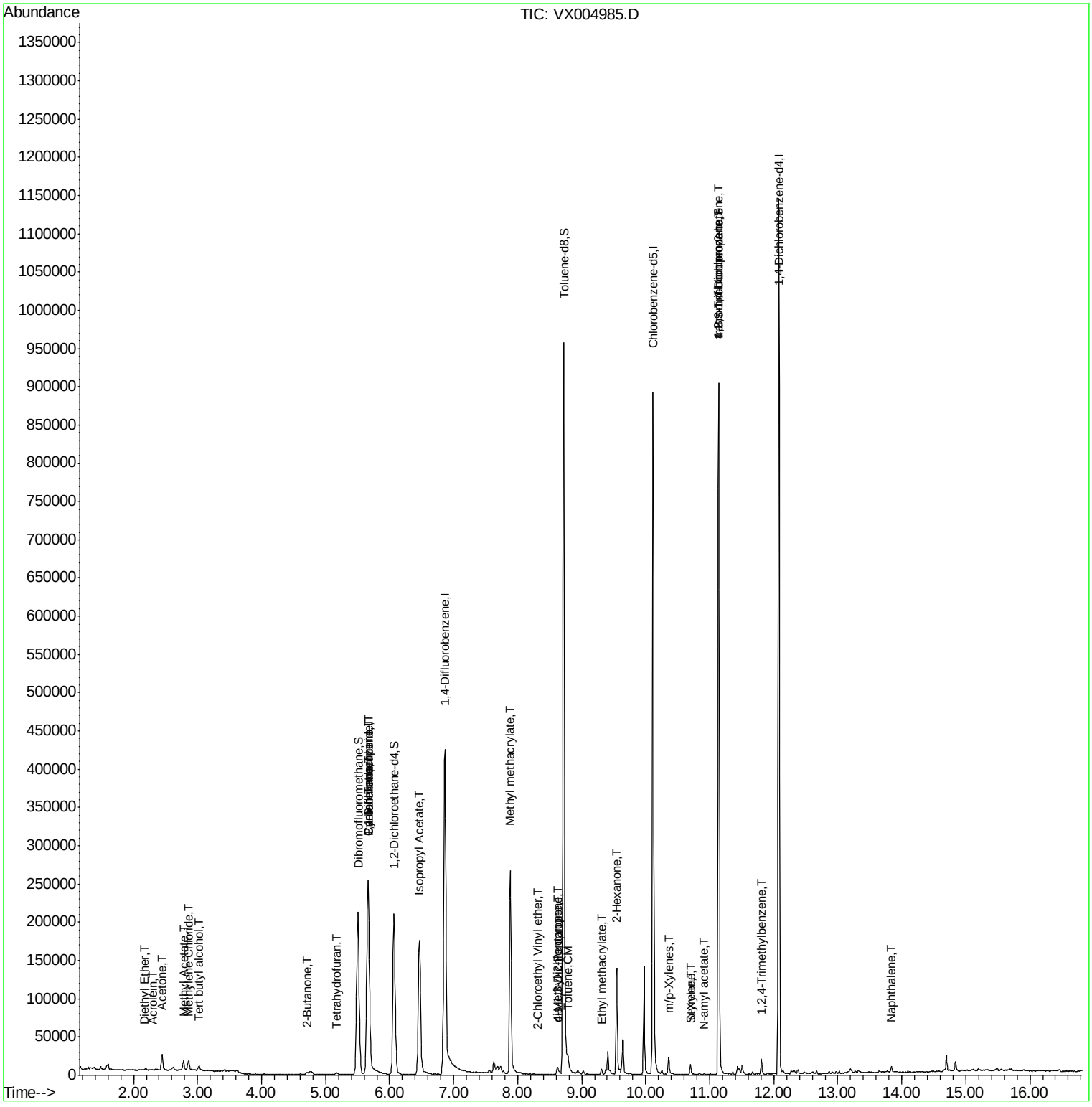
(#) = qualifier out of range (m) = manual integration (+) = signals summed

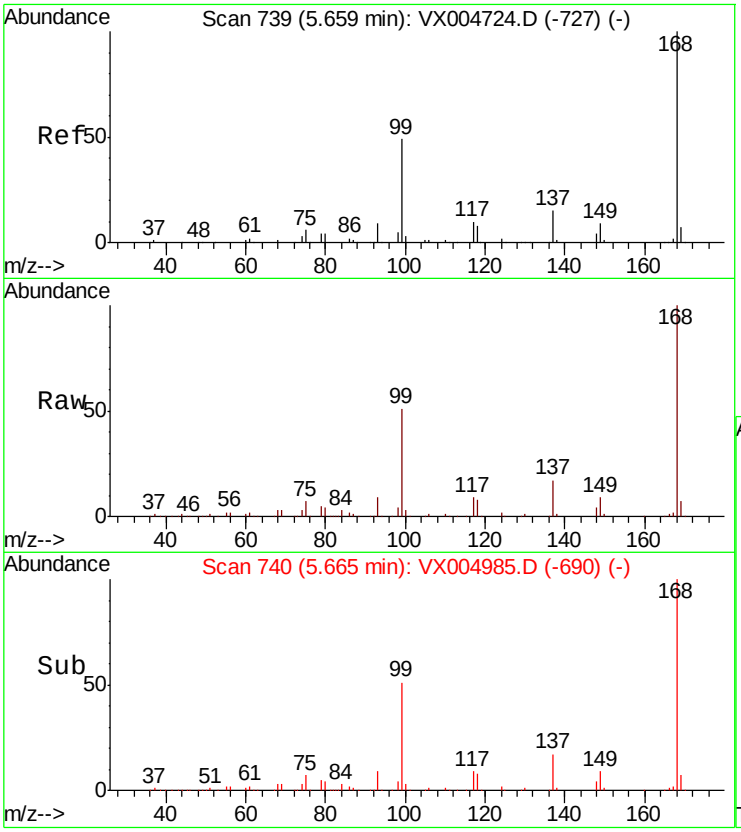
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004985.D
Acq On : 03 Oct 2018 22:28
Operator : JC/MD
Sample : PB113446ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Quant Time: Oct 04 01:28:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



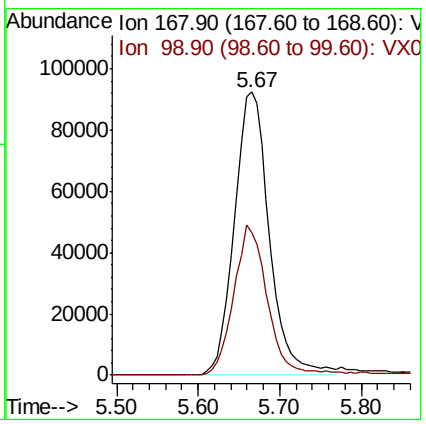


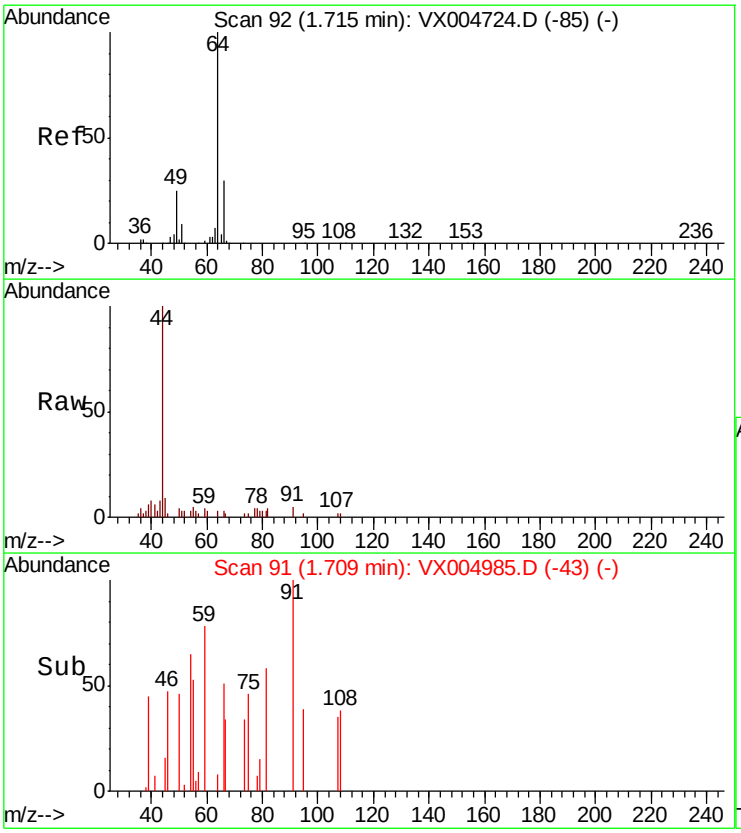
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion:168 Resp: 274887

Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.3	58.9

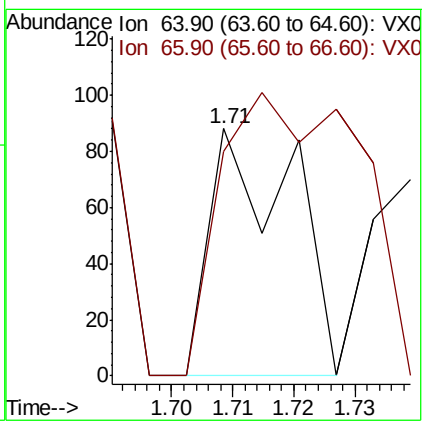


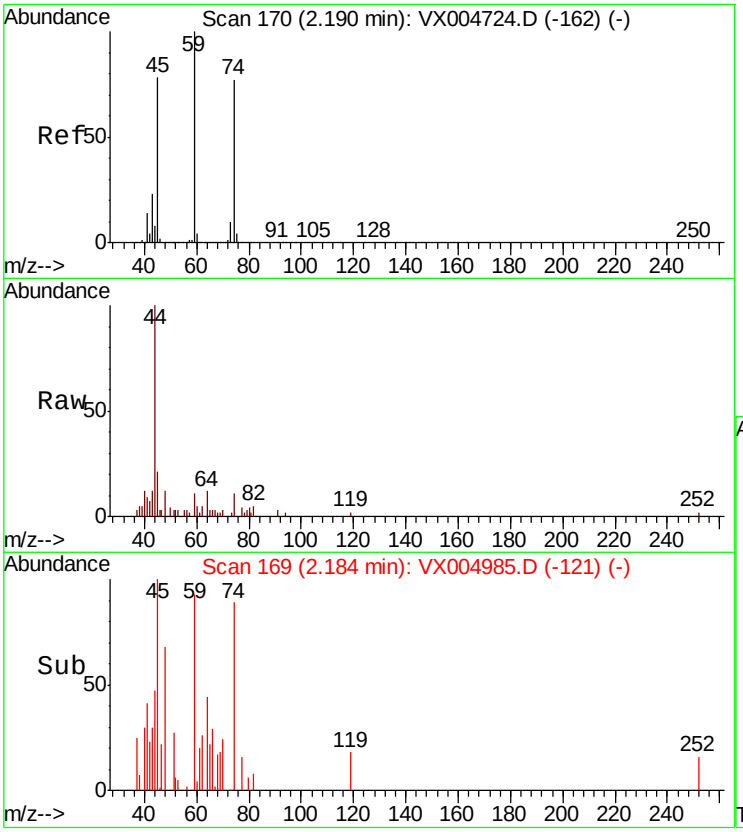


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 64 Resp: 82

Ion	Ratio	Lower	Upper
64	100		
66	90.9	23.8	35.6#



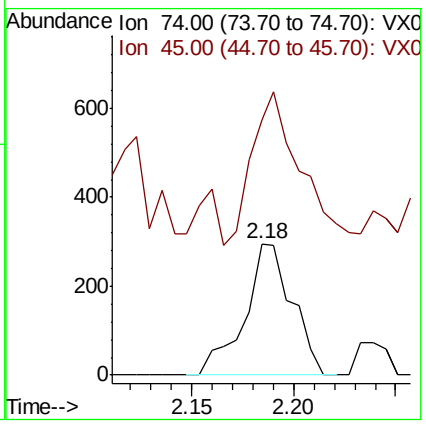


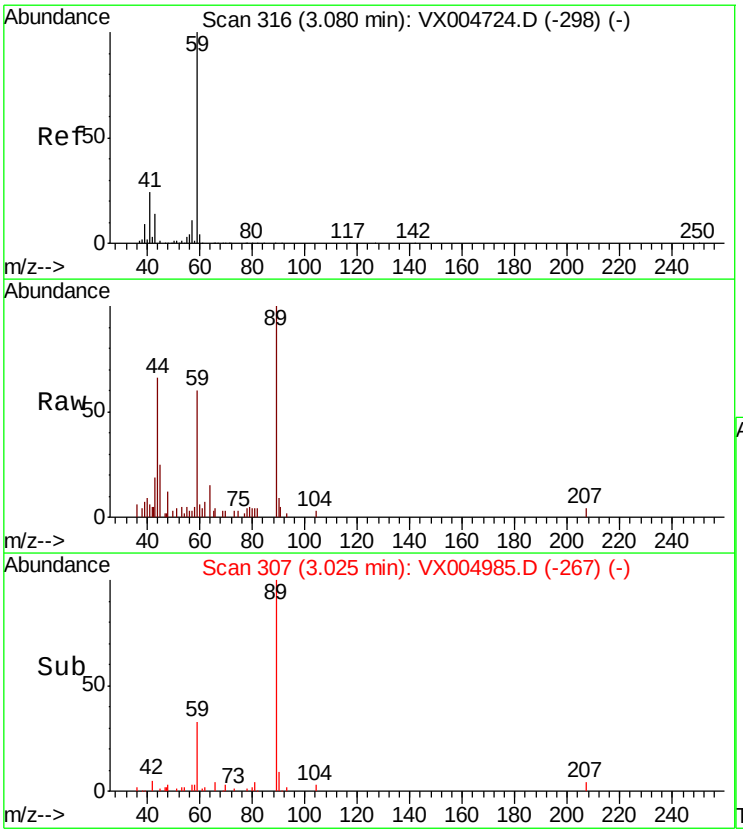
#8
Diethyl Ether
Concen: 0.209 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 74 Resp: 479

Ion	Ratio	Lower	Upper
74	100		
45	125.1	52.5	157.6

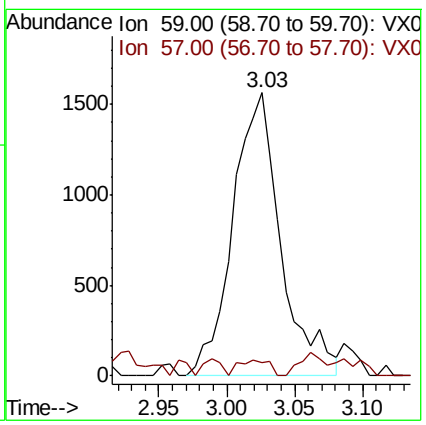


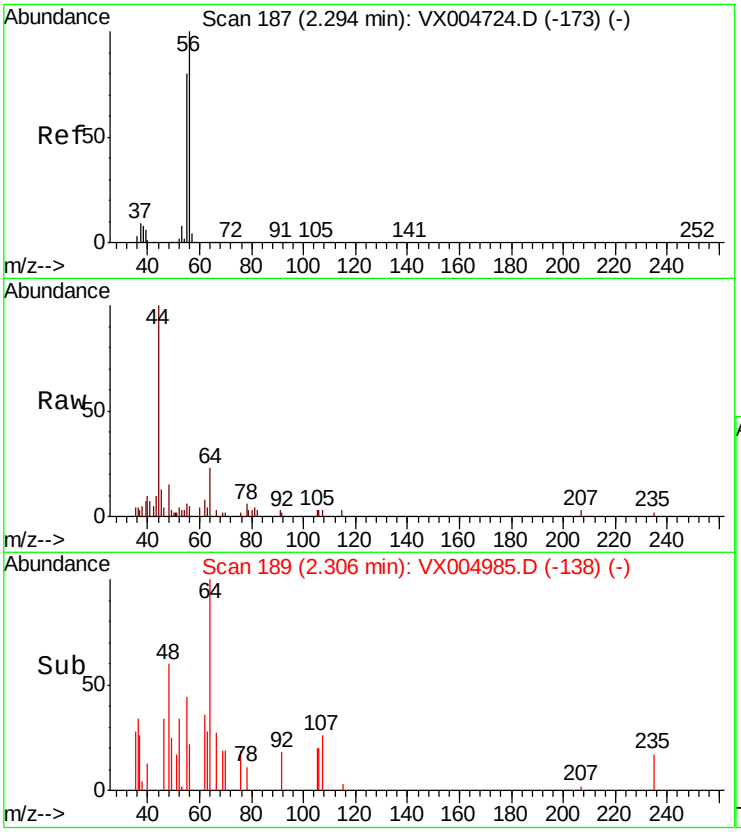


#11
Tert butyl alcohol
Concen: 3.527 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 59 Resp: 3872

Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.6	12.8#



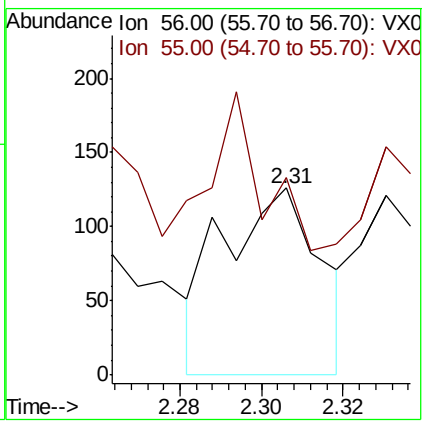


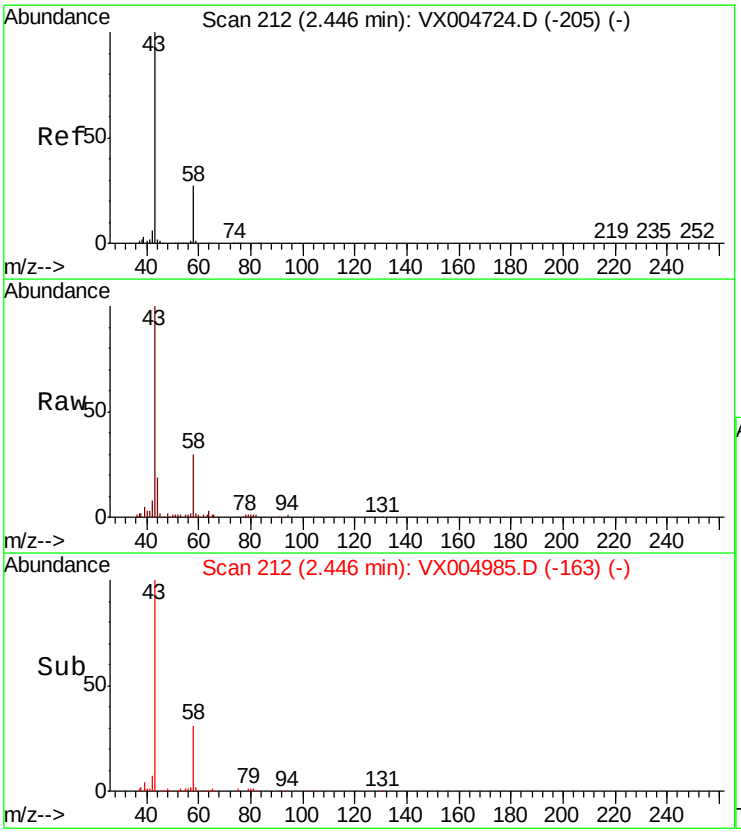
#13
Acrolein
Concen: 0.268 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 56 Resp: 209

Ion	Ratio	Lower	Upper
56	100		
55	47.4	63.4	95.2#

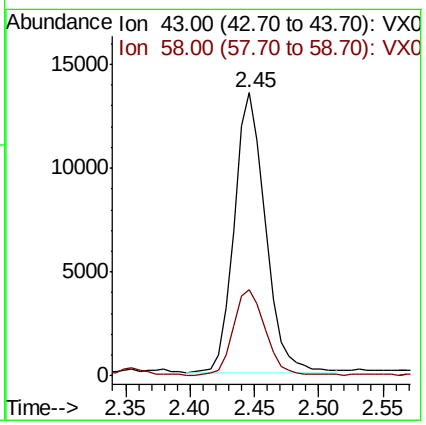


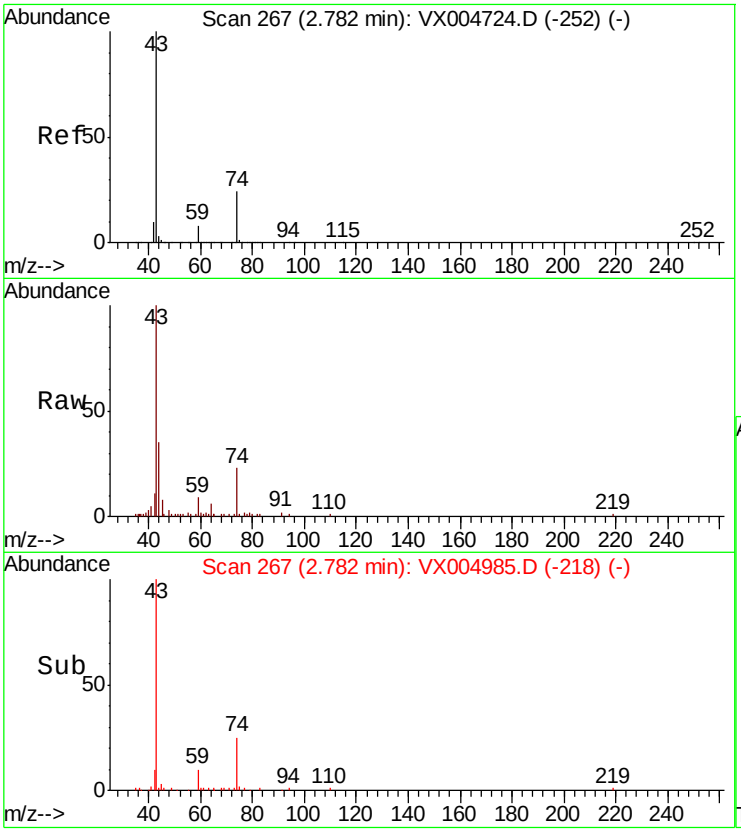


#16
Acetone
Concen: 9.892 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 43 Resp: 22678

Ion	Ratio	Lower	Upper
43	100		
58	30.7	21.8	32.6



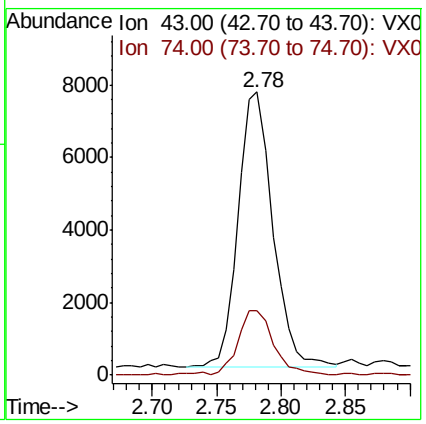


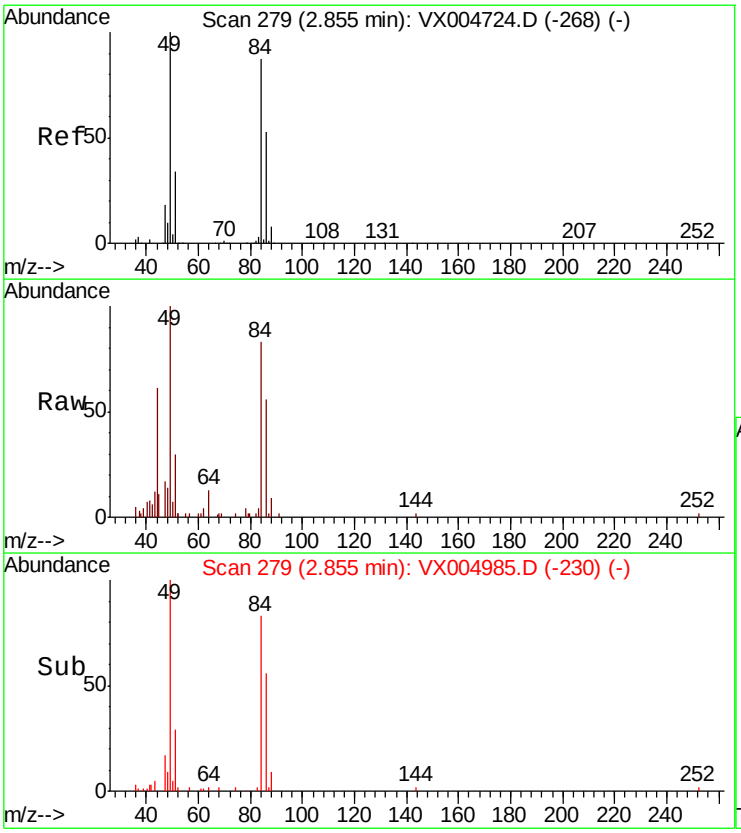
#18
Methyl Acetate
Concen: 2.410 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Tgt Ion: 43 Resp: 14001

Ion	Ratio	Lower	Upper
43	100		
74	24.3	17.8	26.8

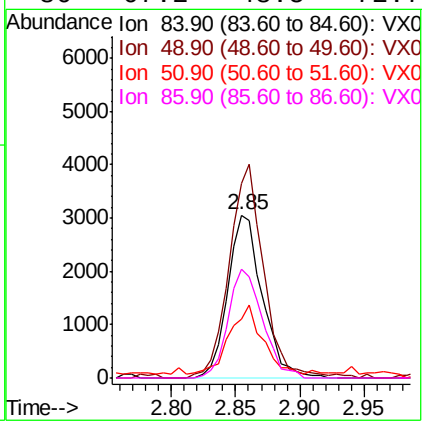


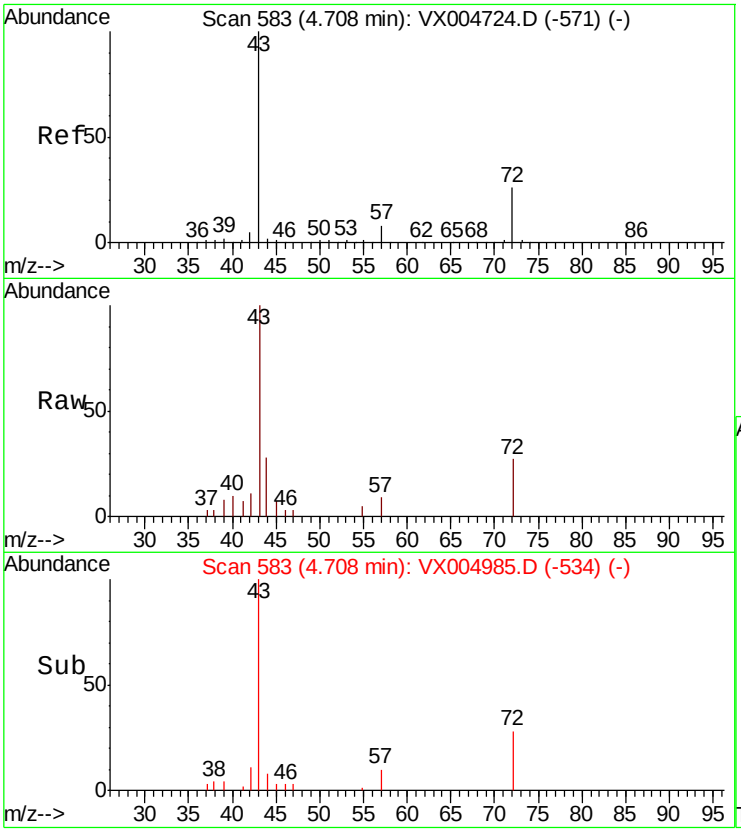


#20
Methylene Chloride
Concen: 0.894 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 84 Resp: 5727

Ion	Ratio	Lower	Upper
84	100		
49	119.8	92.3	138.5
51	33.6	31.8	47.6
86	67.2	48.5	72.7



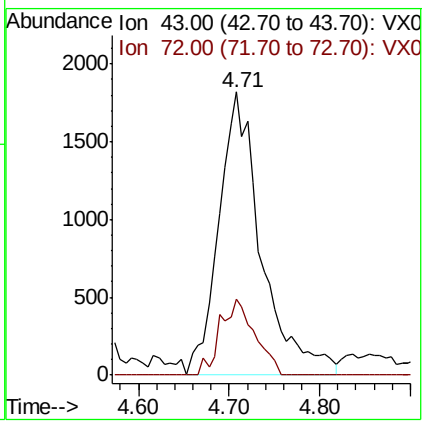


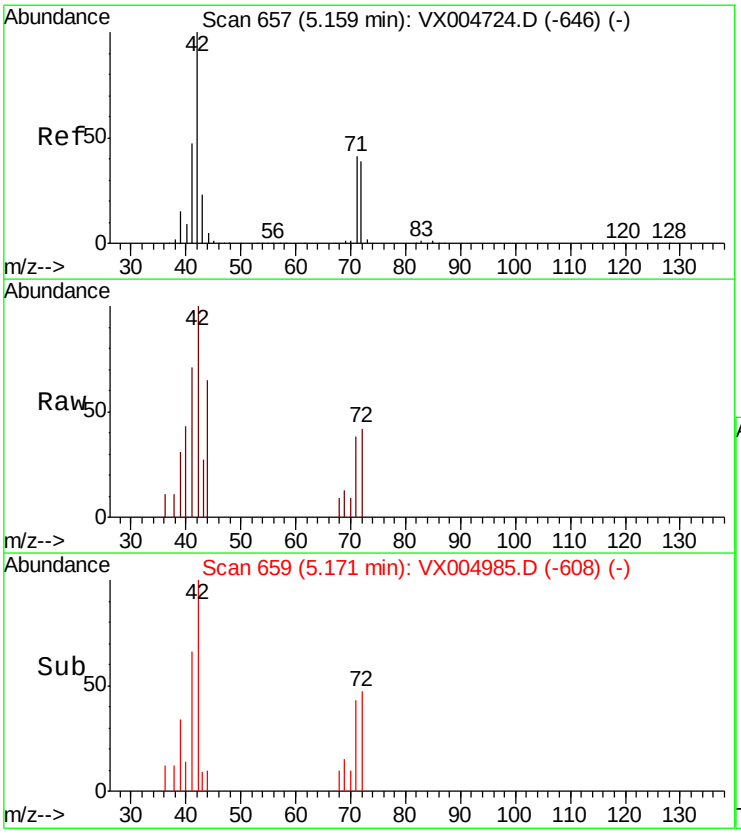
#25
2-Butanone
Concen: 1.759 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 43 Resp: 5943

Ion	Ratio	Lower	Upper
43	100		
72	26.8	20.8	31.2

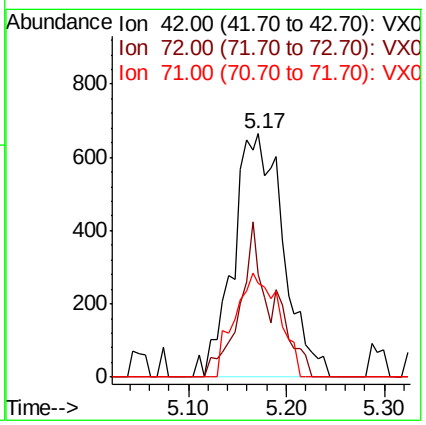


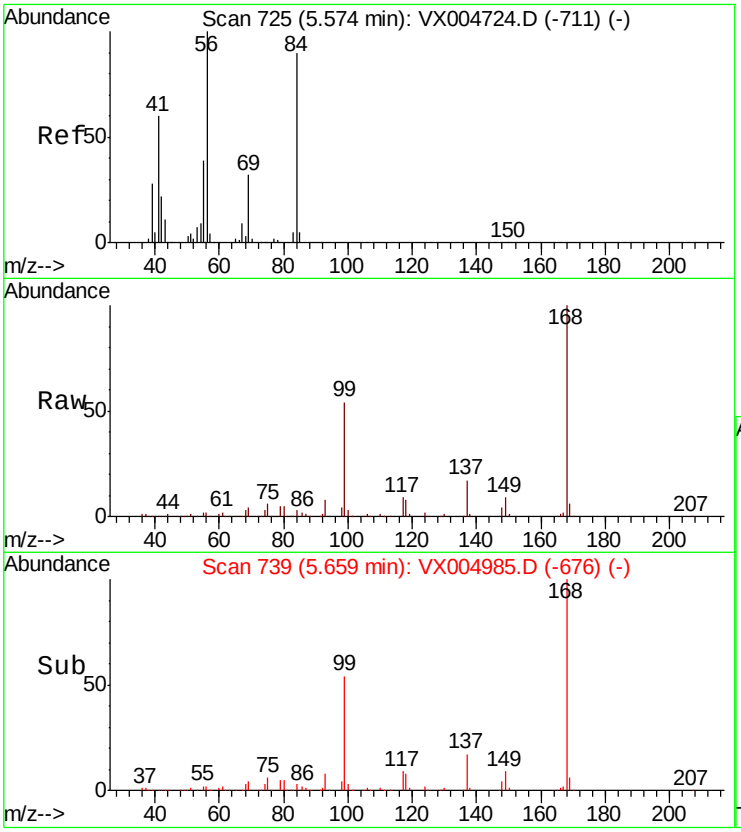


#29
Tetrahydrofuran
Concen: 1.124 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 42 Resp: 2360

Ion	Ratio	Lower	Upper
42	100		
72	29.8	33.7	50.5#
71	37.6	32.2	48.4



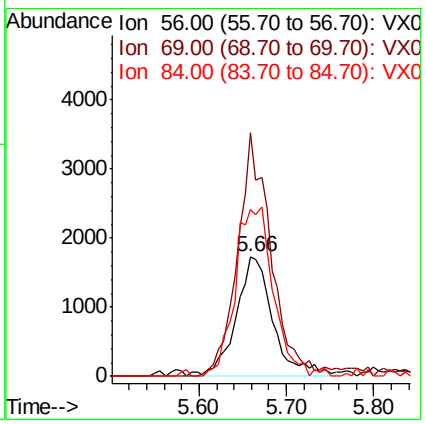


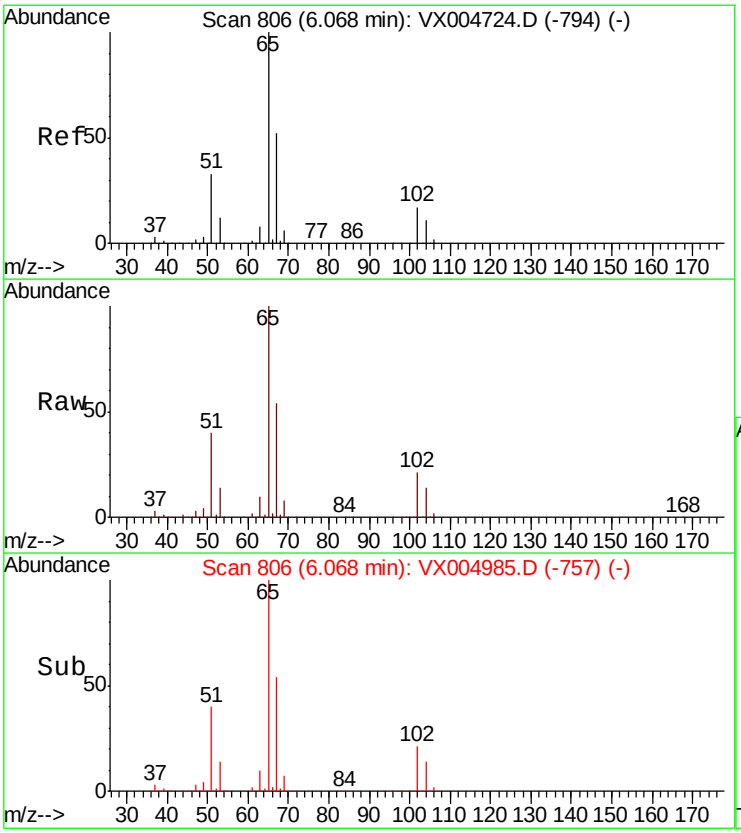
#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 56 Resp: 5075

Ion	Ratio	Lower	Upper
56	100		
69	203.5	25.9	38.9#
84	139.6	71.9	107.9#

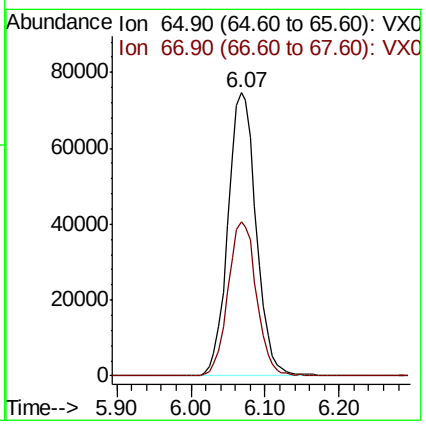


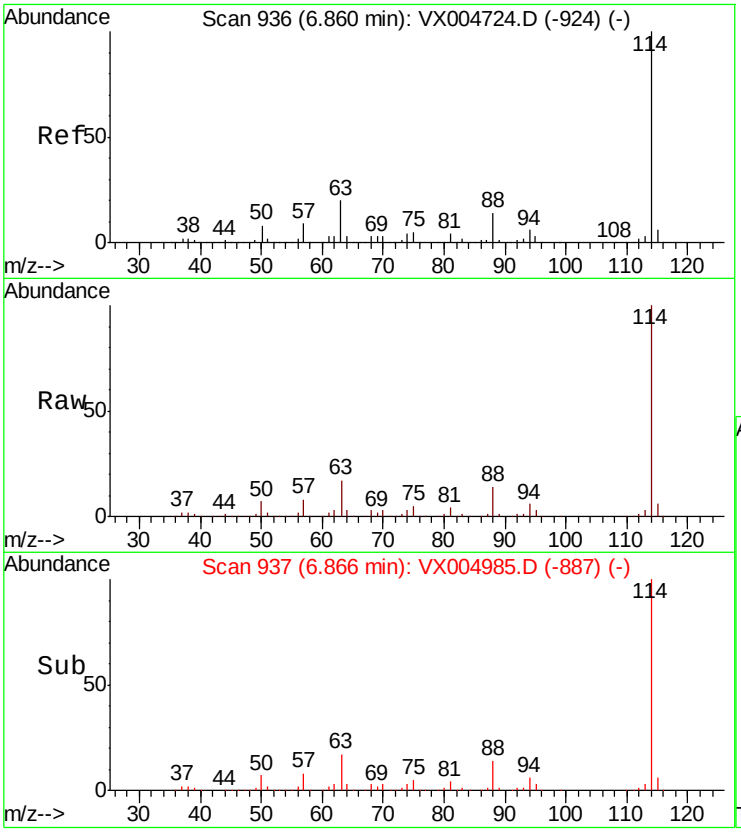


#33
1,2-Dichloroethane-d4
Concen: 50.459 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 65 Resp: 198139

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	107.4



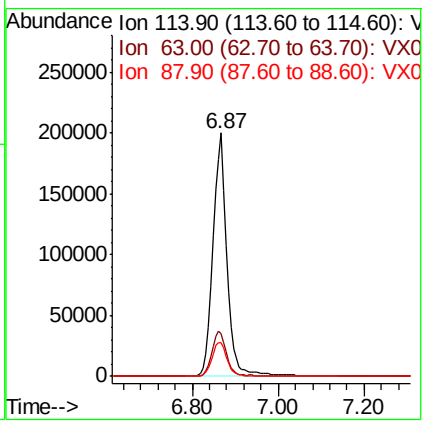


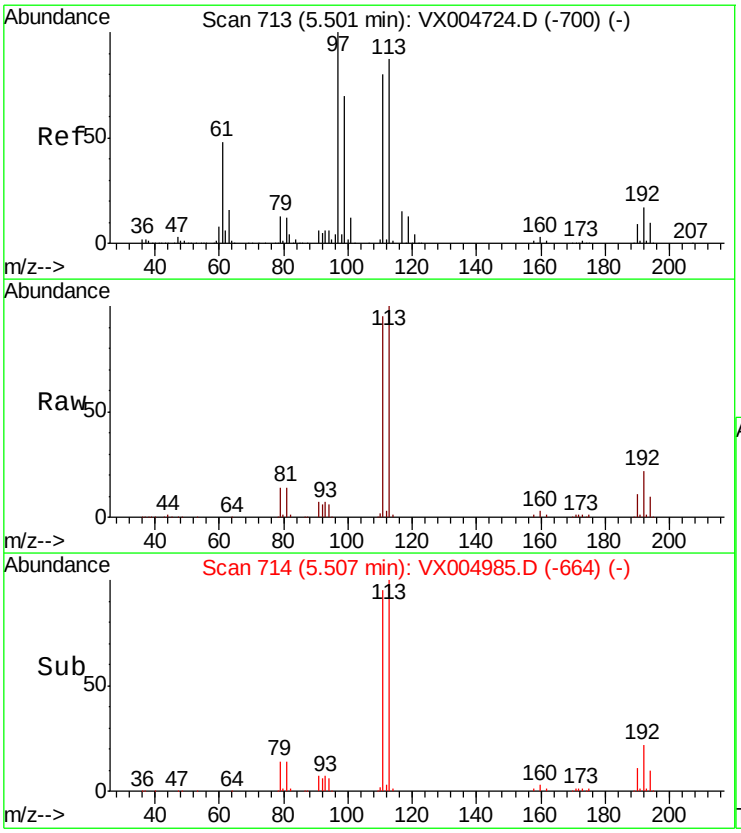
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion:114 Resp: 463081

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	39.8
88	13.6	0.0	27.0

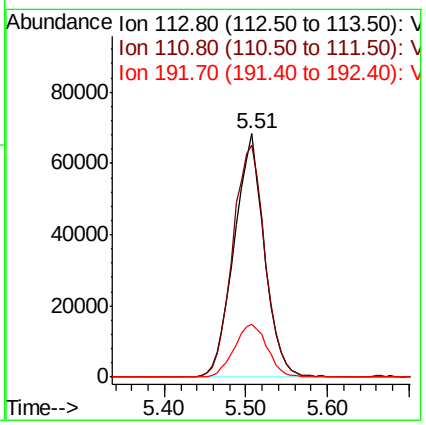


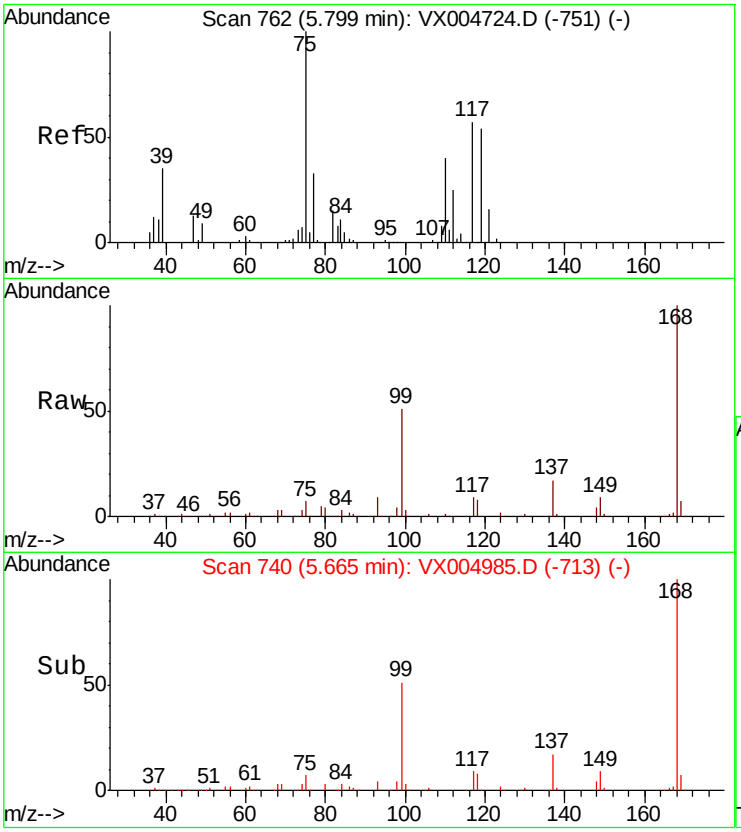


#35
Dibromofluoromethane
Concen: 44.763 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion:113 Resp: 175681

Ion	Ratio	Lower	Upper
113	100		
111	101.9	77.0	115.4
192	23.8	17.0	25.6



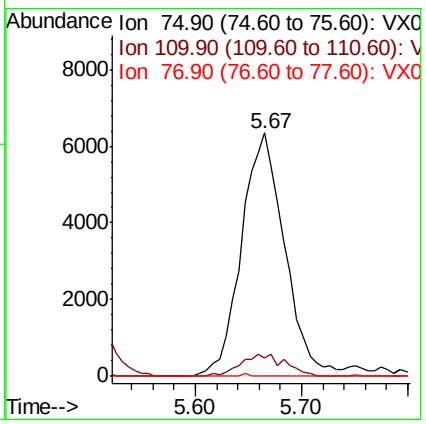


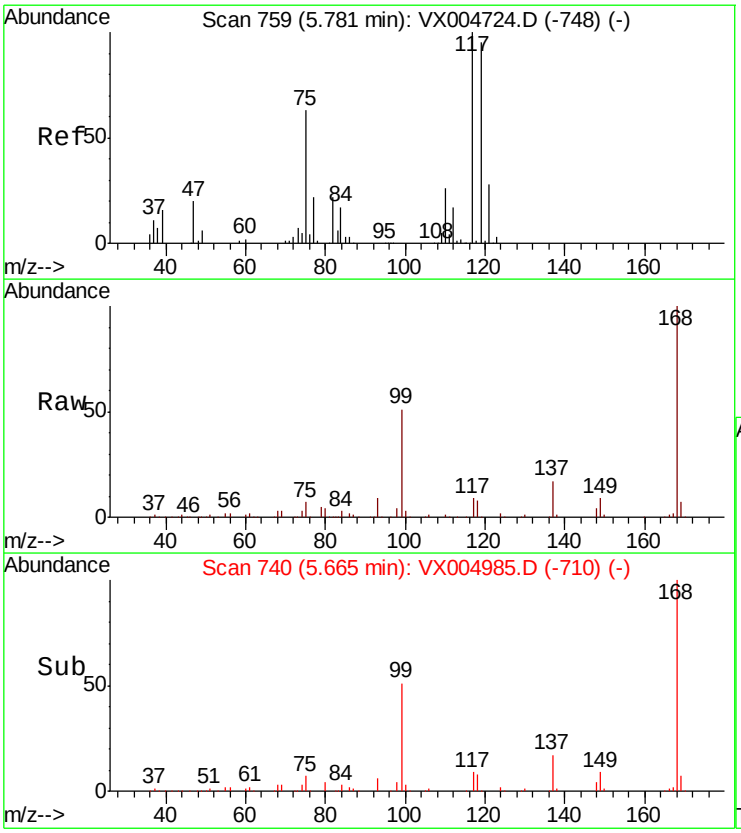
#36
1,1-Dichloropropene
Concen: 3.362 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 75 Resp: 18003

Ion	Ratio	Lower	Upper
75	100		
110	9.5	20.0	59.9#
77	0.2	27.1	40.7#

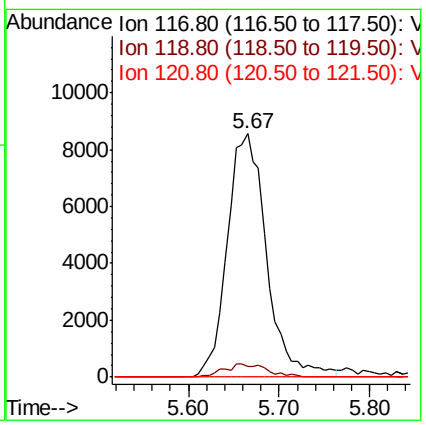


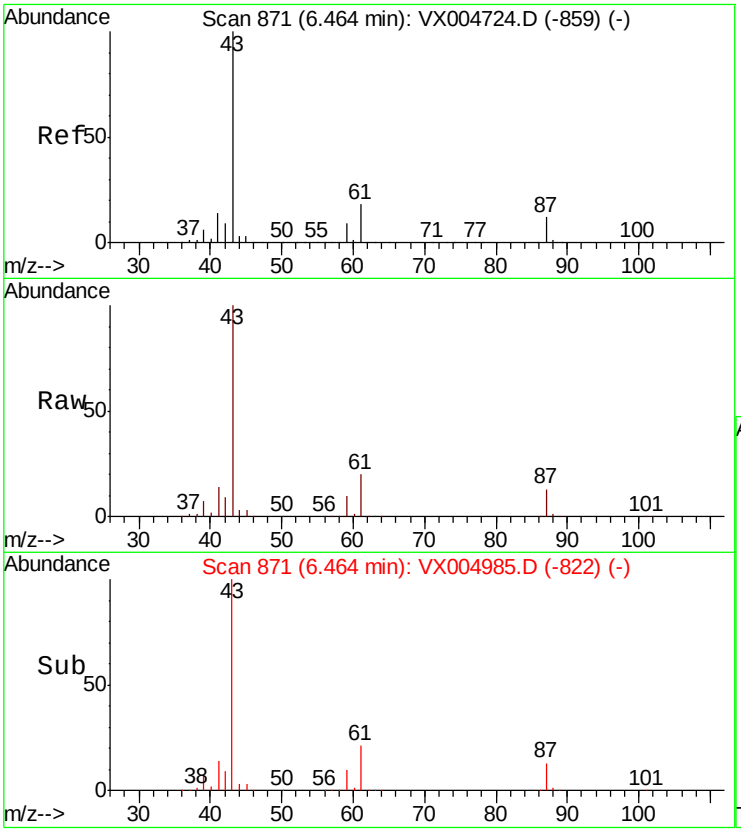


#38
Carbon Tetrachloride
Concen: 4.556 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion:117 Resp: 25646

Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.2	112.8#
121	0.0	22.5	33.7#



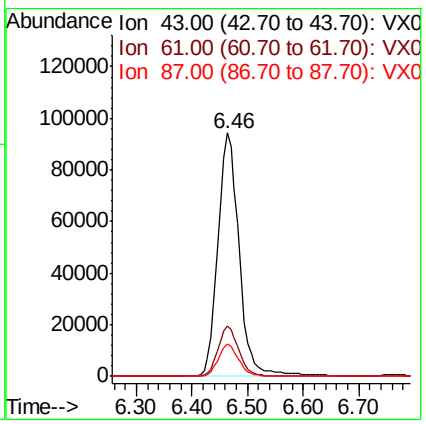


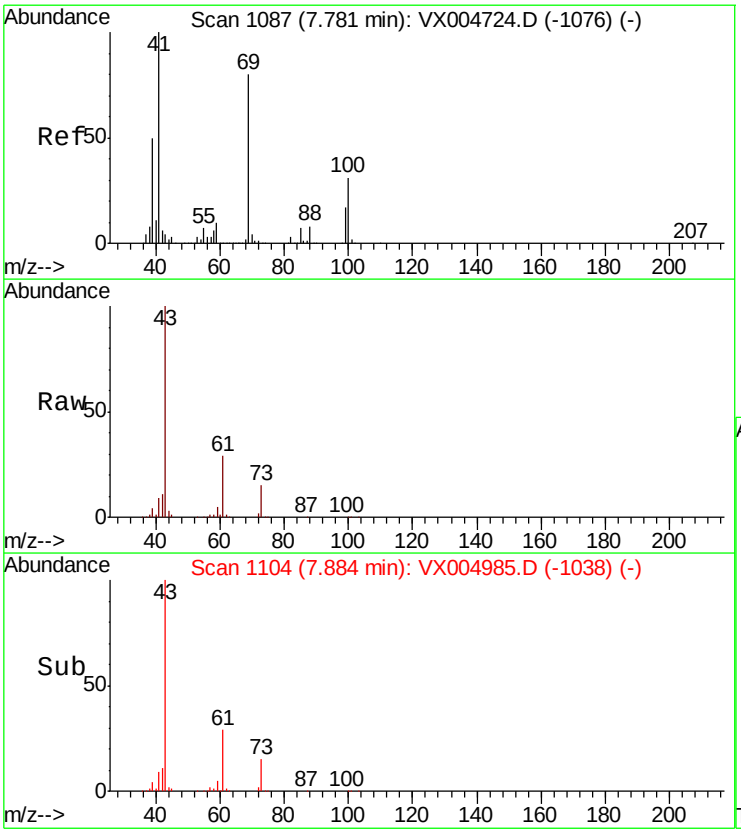
#43
Isopropyl Acetate
Concen: 24.411 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Tgt Ion: 43 Resp: 250431

Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.2	21.4
87	13.0	9.3	13.9

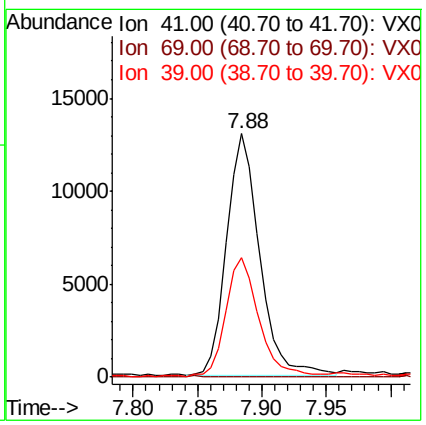


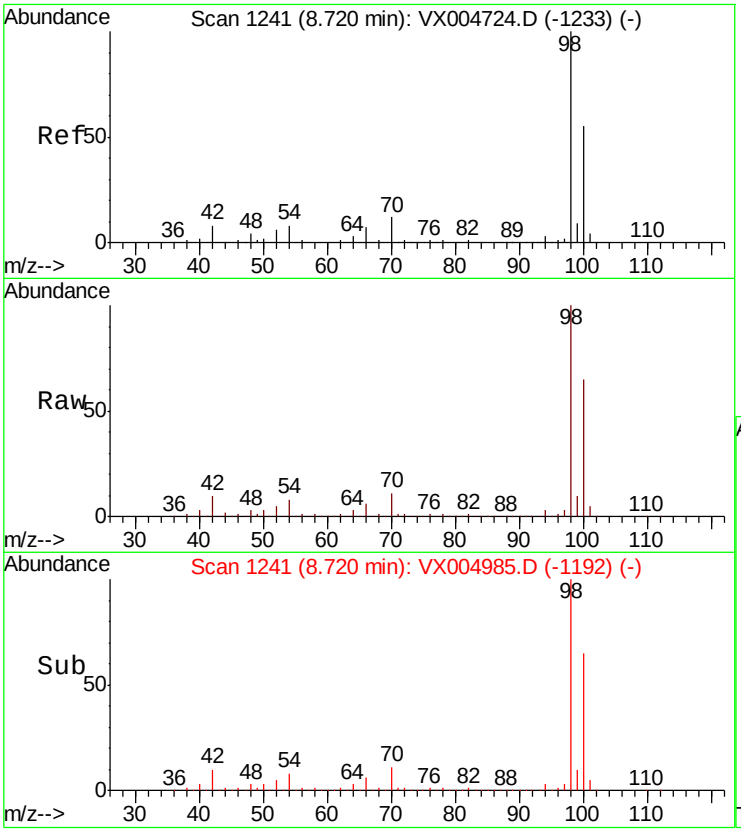


#48
Methyl methacrylate
Concen: 4.974 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.10 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 41 Resp: 23161

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	49.0	40.7	61.1



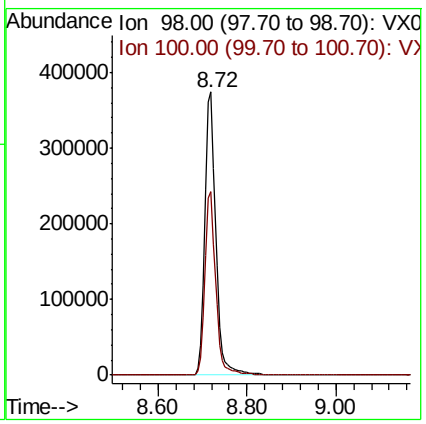


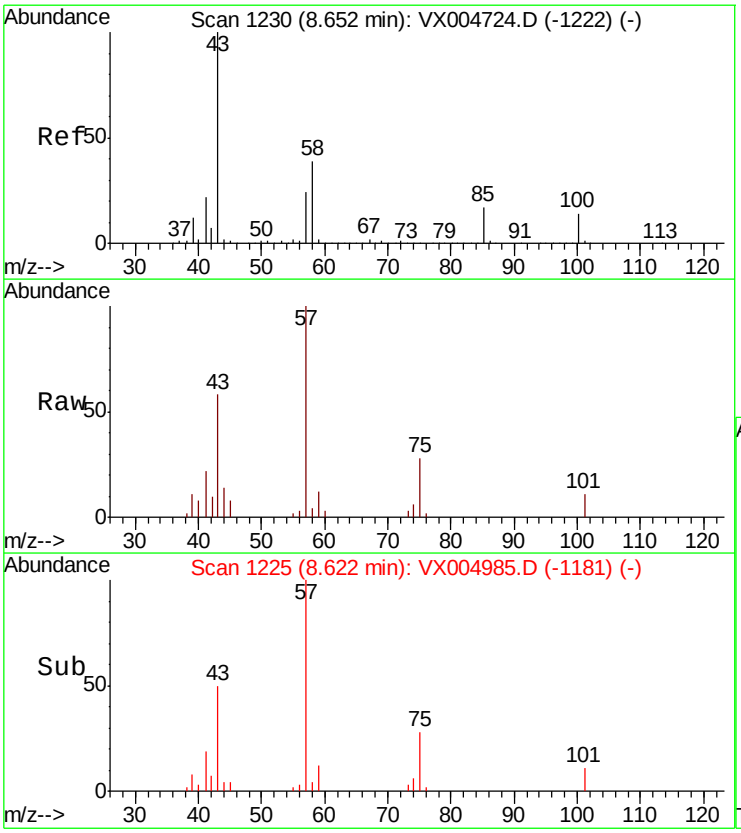
#50
Toluene-d8
Concen: 49.228 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Tgt Ion: 98 Resp: 642306

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

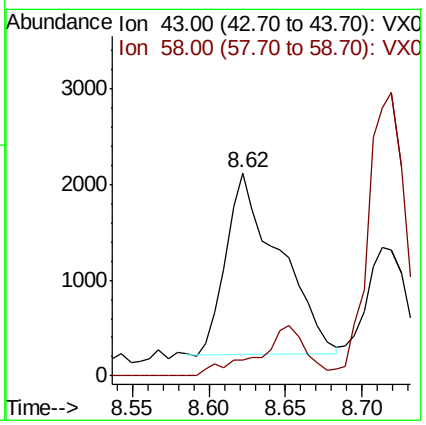


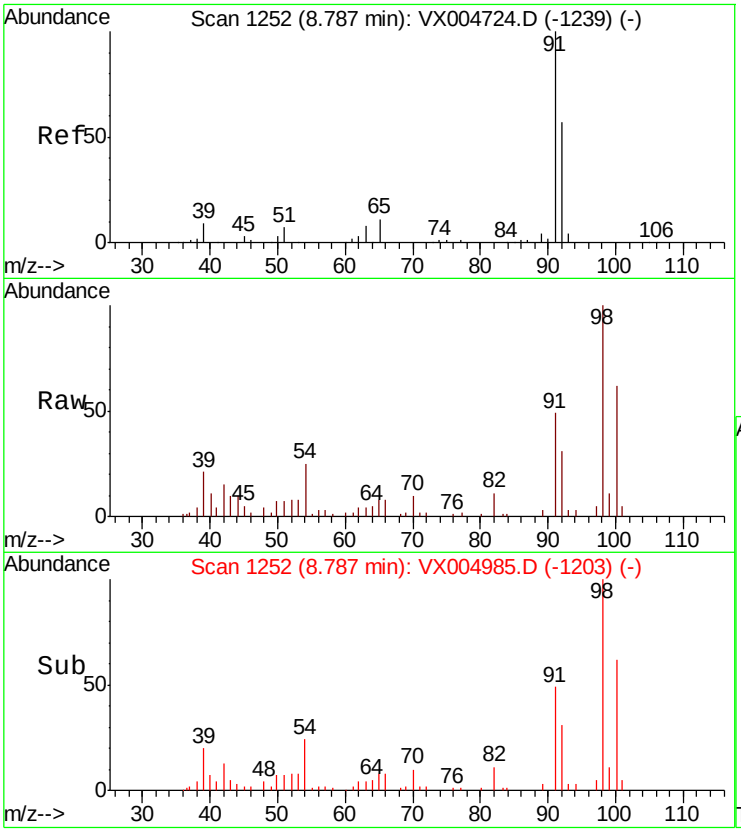


#51
4-Methyl-2-Pentanone
Concen: 0.710 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 43 Resp: 4587

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	45.7#



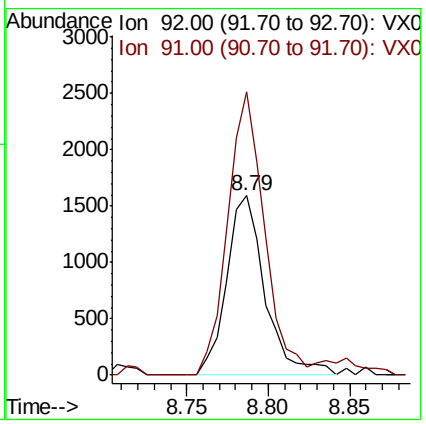


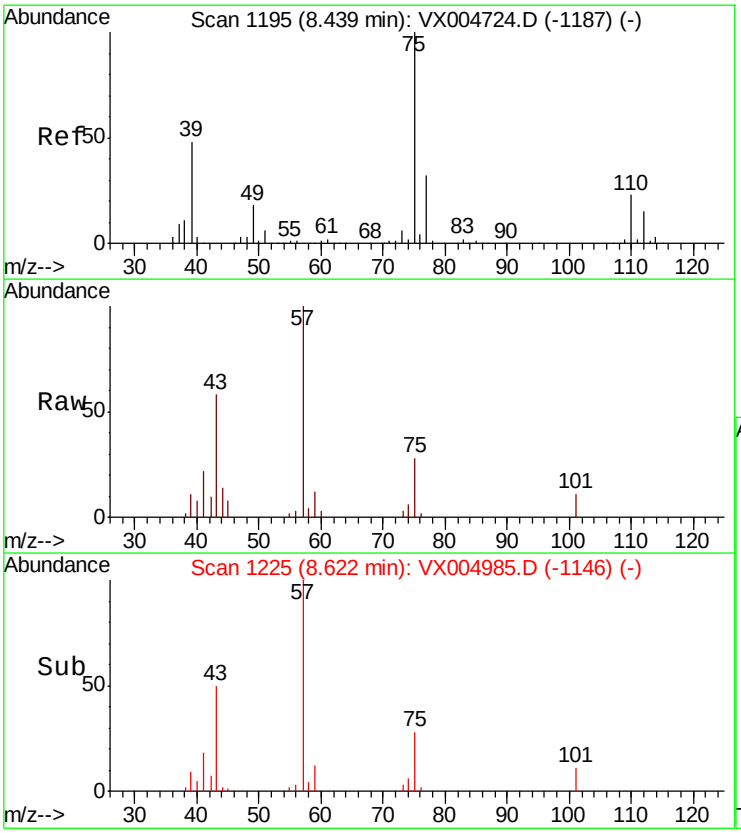
#52
Toluene
Concen: 0.283 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 92 Resp: 2609

Ion	Ratio	Lower	Upper
92	100		
91	151.7	136.7	205.1

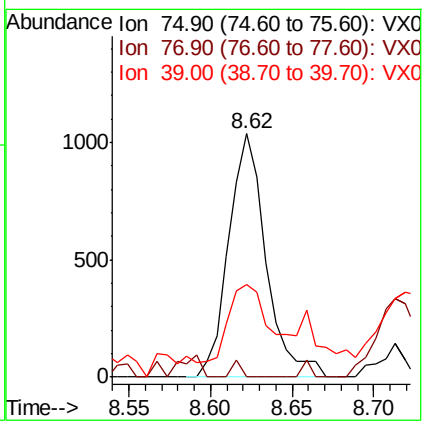


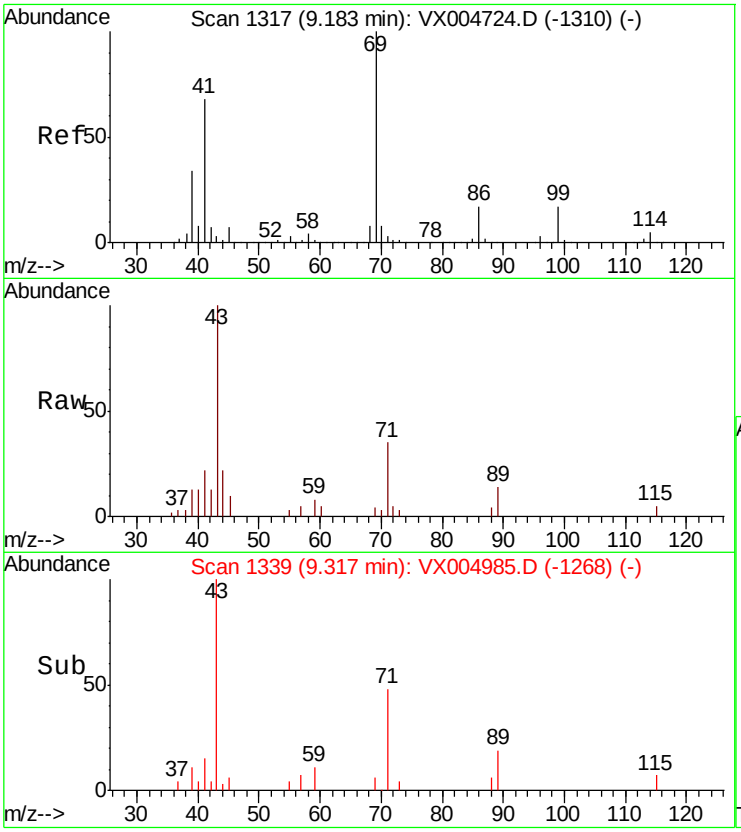


#54
cis-1,3-Dichloropropene
Concen: 0.289 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 75 Resp: 1655

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	29.7	38.3	57.5#



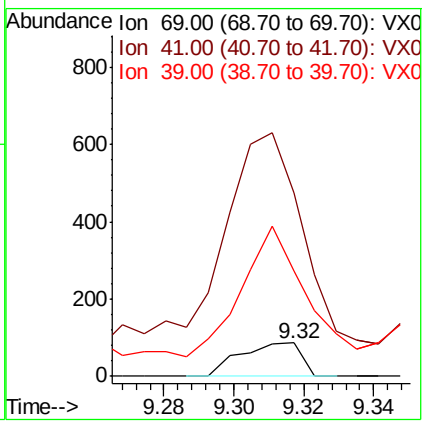


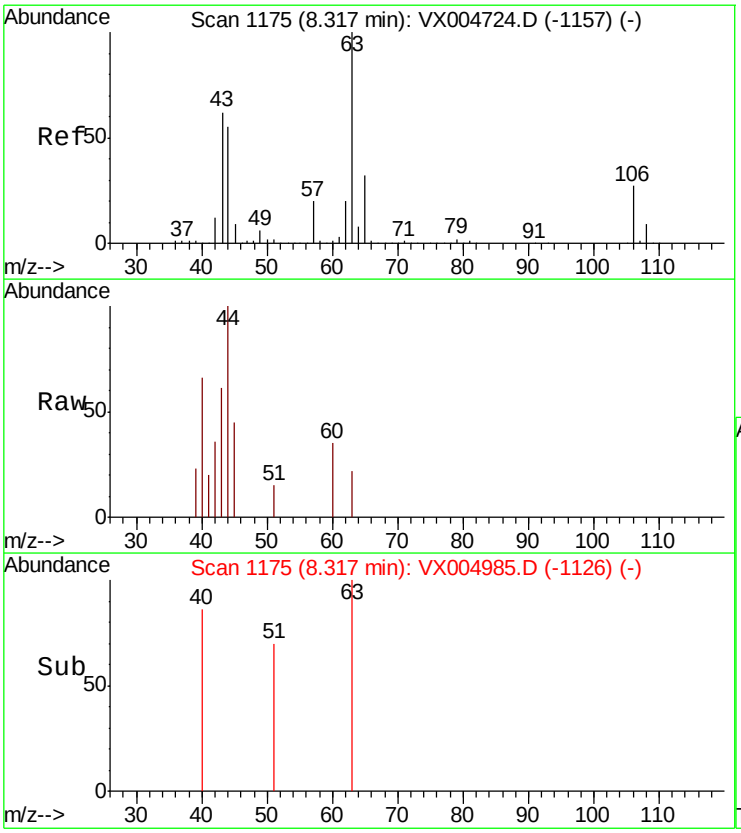
#56
Ethyl methacrylate
Concen: 2.877 ug/l
RT: 9.32 min Scan# 1339
Delta R.T. 0.13 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Tgt Ion: 69 Resp: 103

Ion	Ratio	Lower	Upper
69	100		
41	843.7	56.9	85.3#
39	401.0	28.4	42.6#

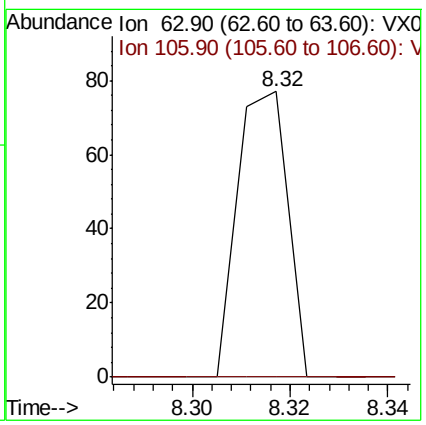


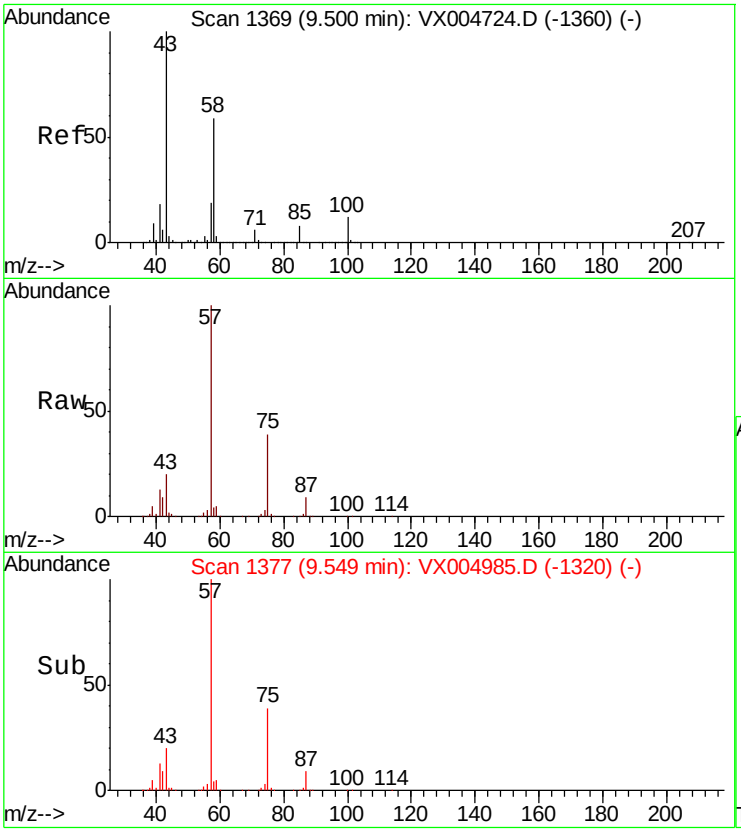


#58
2-Chloroethyl Vinyl ether
Concen: 14.257 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 63 Resp: 55

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



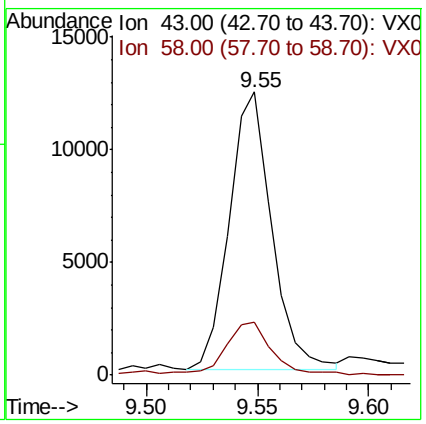


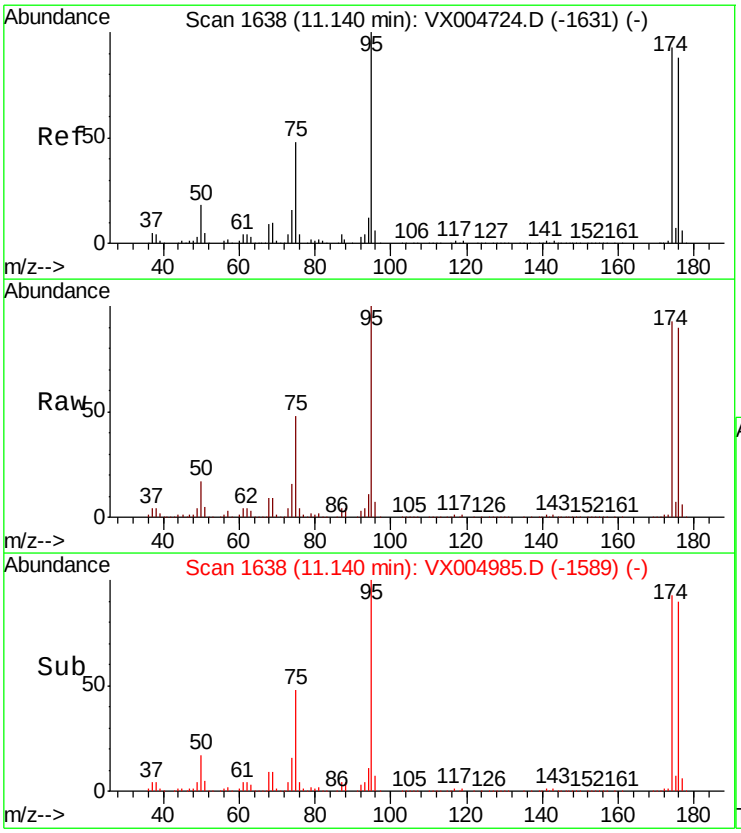
#59
2-Hexanone
Concen: 3.042 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 43 Resp: 16375

Ion	Ratio	Lower	Upper
43	100		
58	20.6	28.4	85.3#

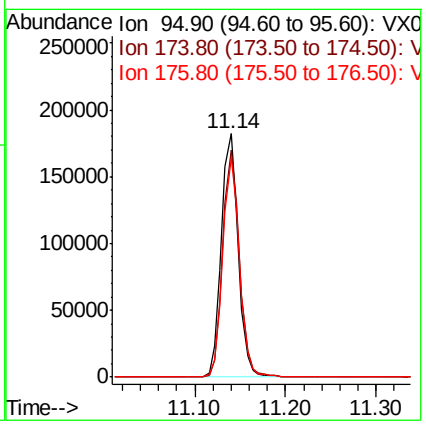


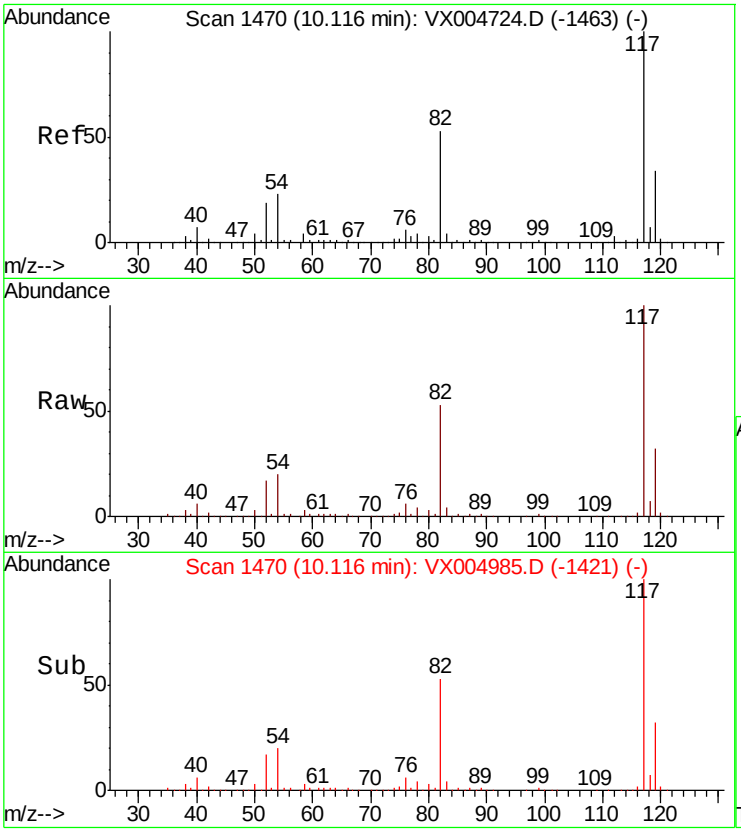


#62
4-Bromofluorobenzene
Concen: 50.510 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 95 Resp: 237422

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	185.0
176	88.8	0.0	180.2



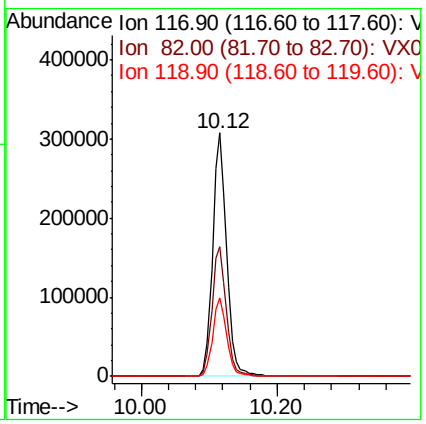


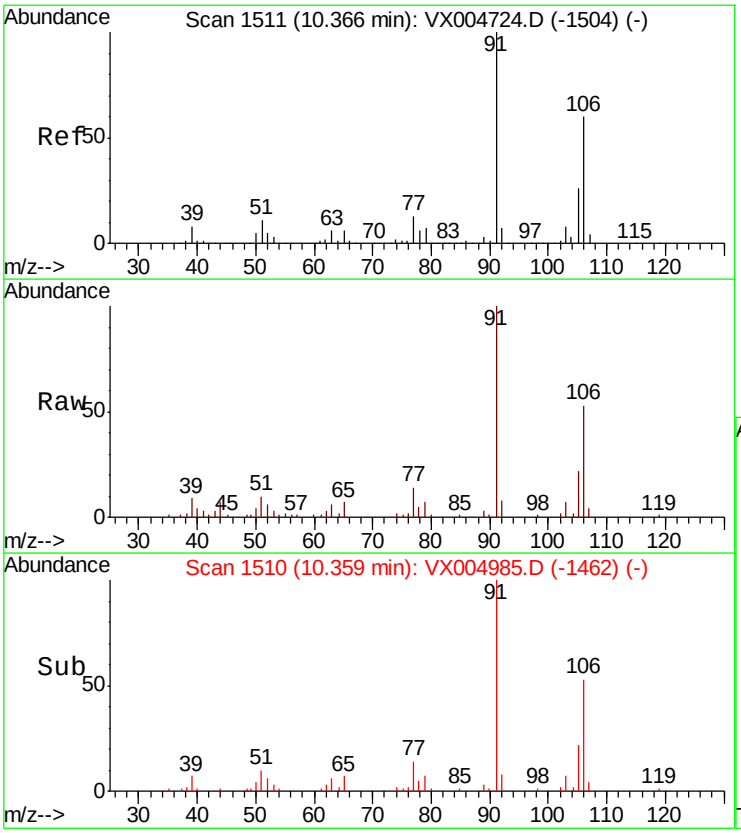
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Tgt Ion:117 Resp: 438397

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.4	27.4	41.0

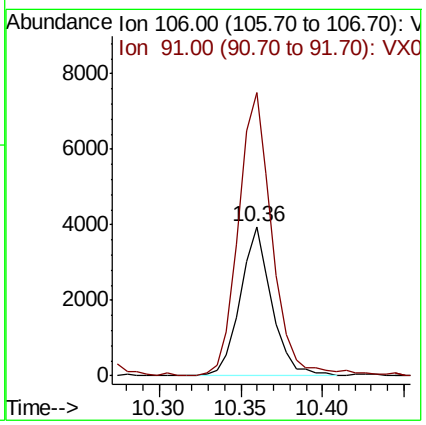


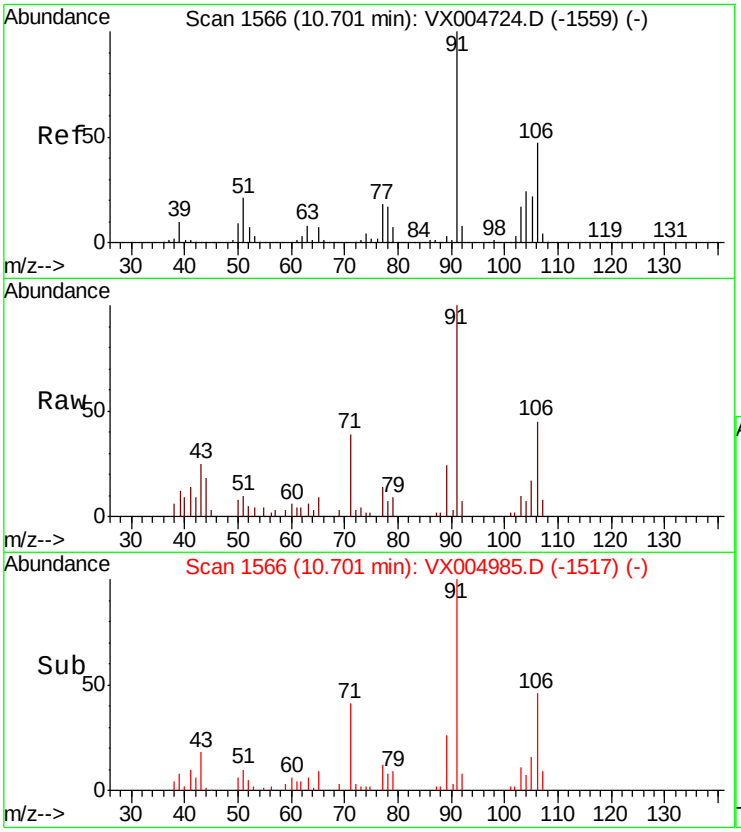


#68
m/p-Xylenes
Concen: 0.761 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion:106 Resp: 5305

Ion	Ratio	Lower	Upper
106	100		
91	205.3	157.5	236.3



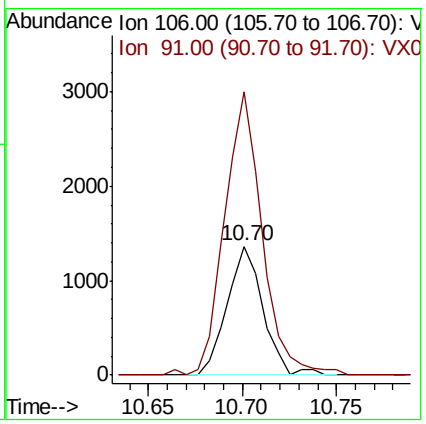


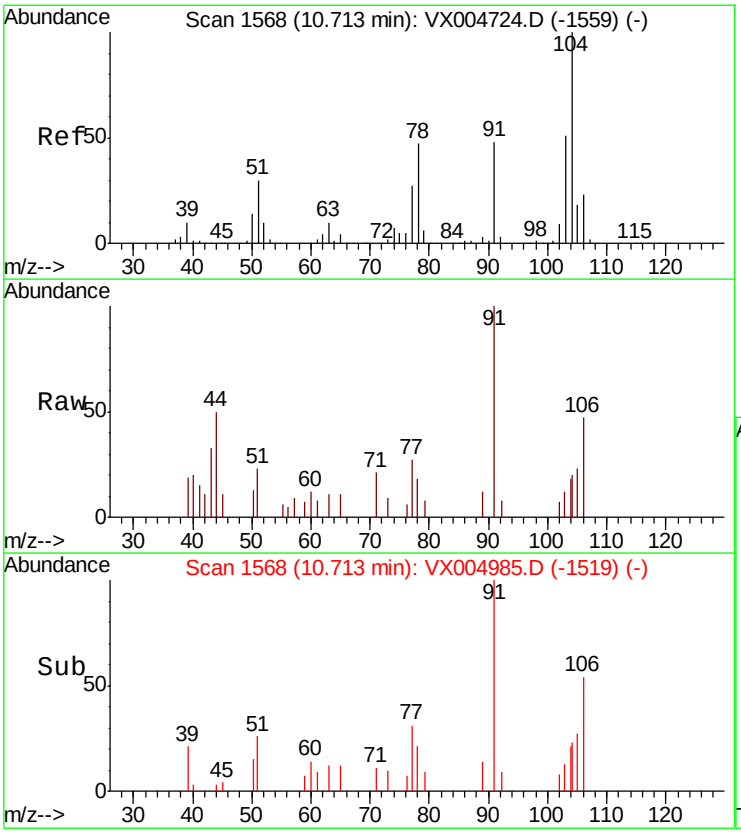
#69
o-Xylene
Concen: 0.279 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion:106 Resp: 1790

Ion	Ratio	Lower	Upper
106	100		
91	231.8	108.3	324.8

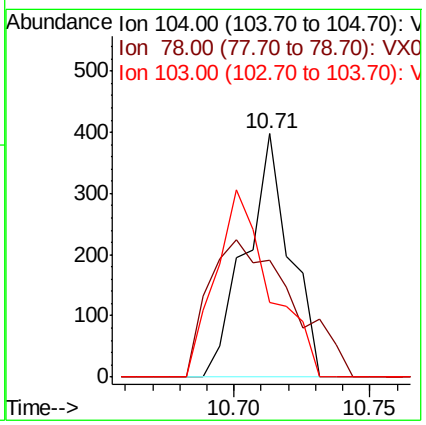


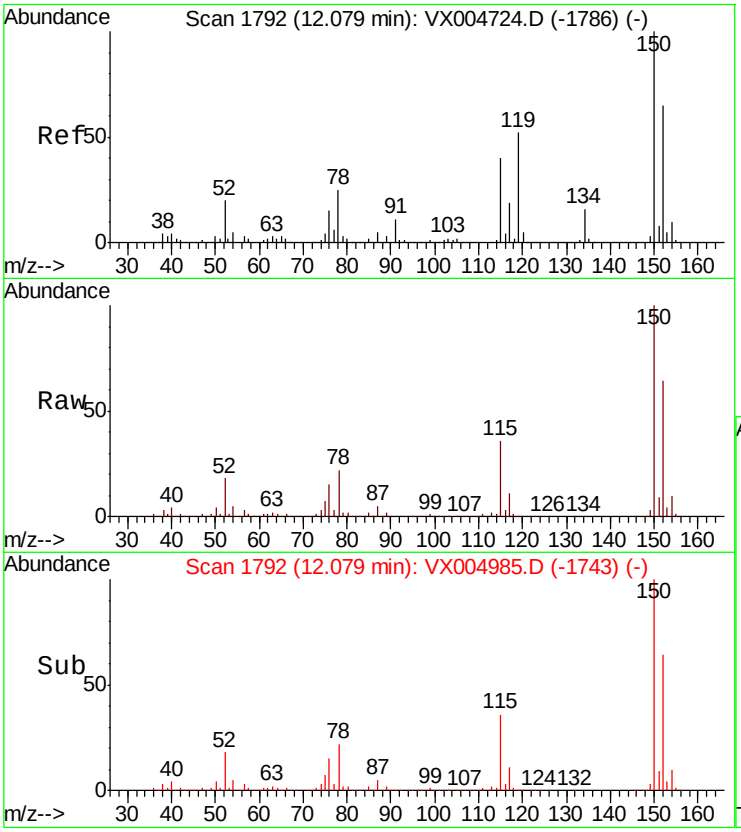


#70
Styrene
Concen: 2.176 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion:104 Resp: 446

Ion	Ratio	Lower	Upper
104	100		
78	107.0	40.0	60.0#
103	96.0	44.3	66.5#



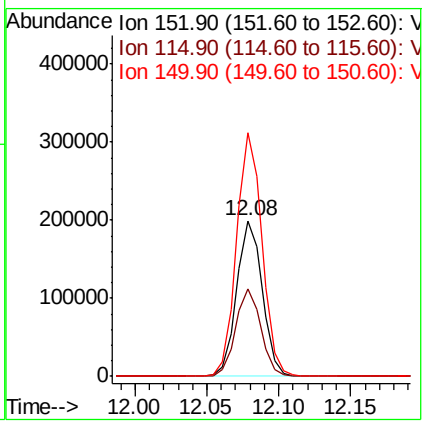


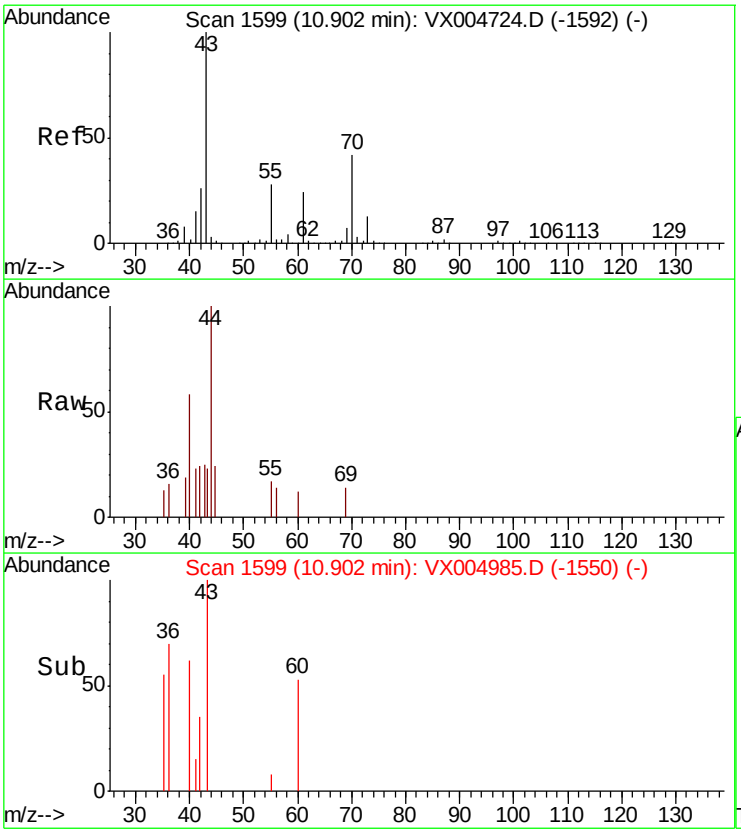
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#11

Tgt Ion:152 Resp: 246048

Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.2	120.6
150	156.6	0.0	351.0

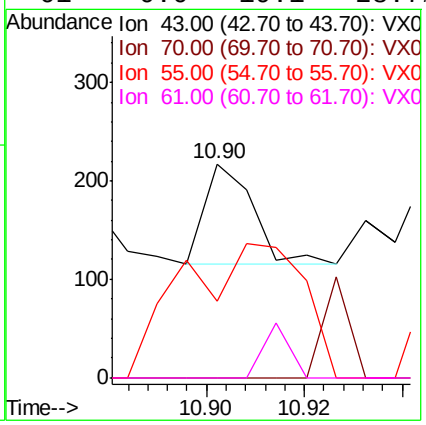


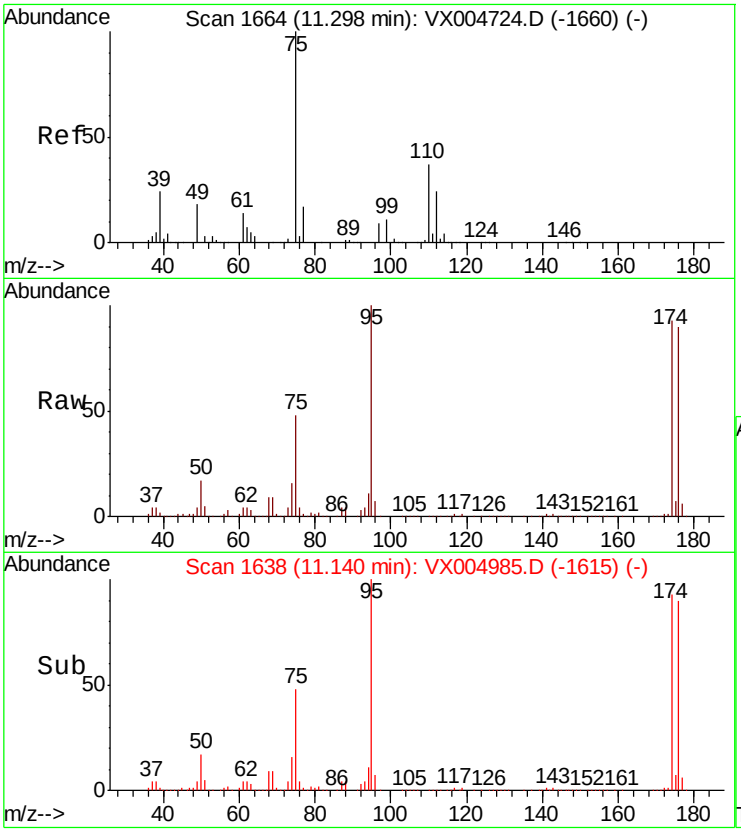


#74
N-amyl acetate
Concen: 1.756 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	337.7	21.6	32.4#
61	0.0	19.1	28.7#



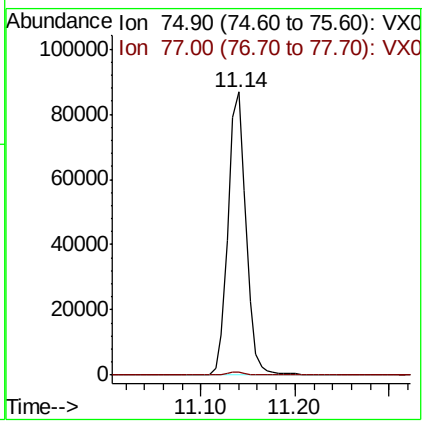


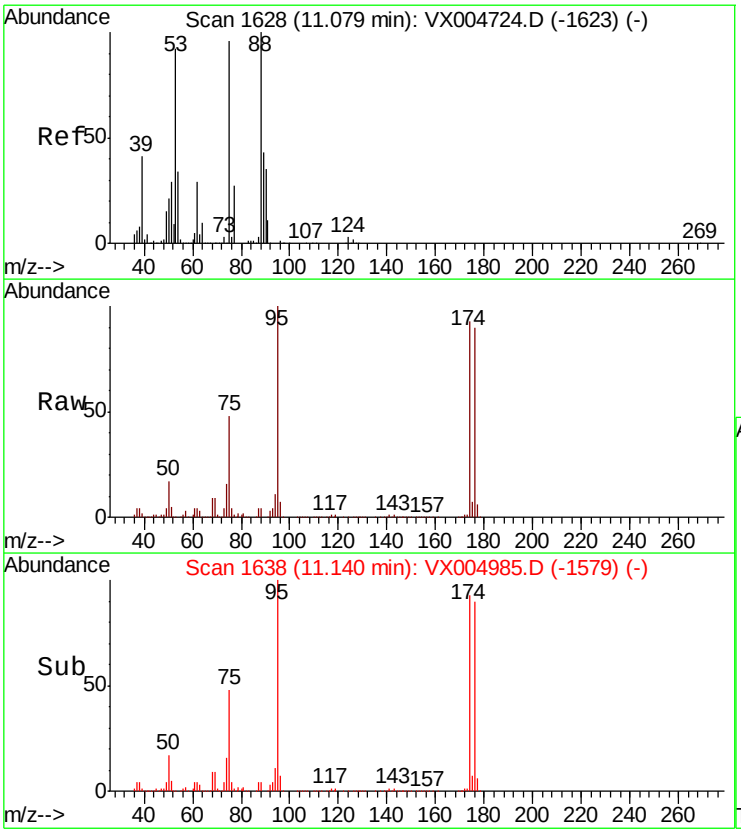
#76
1,2,3-Trichloropropane
Concen: 20.877 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion: 75 Resp: 115132

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

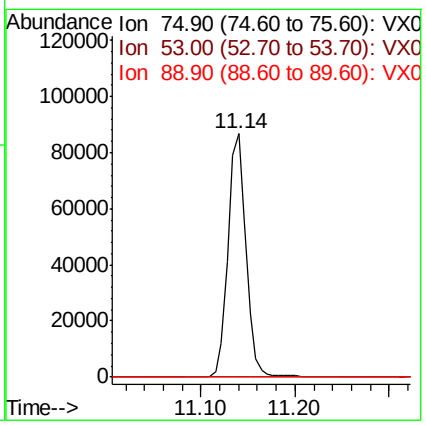


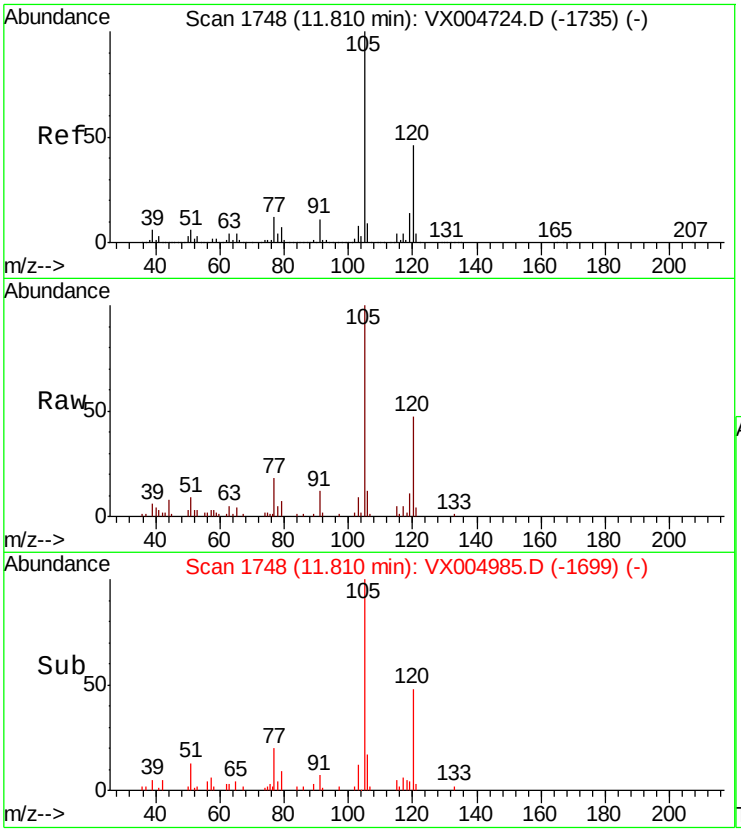


#81
trans-1,4-Dichloro-2-butene
Concen: 56.663 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion: 75 Resp: 115132

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#



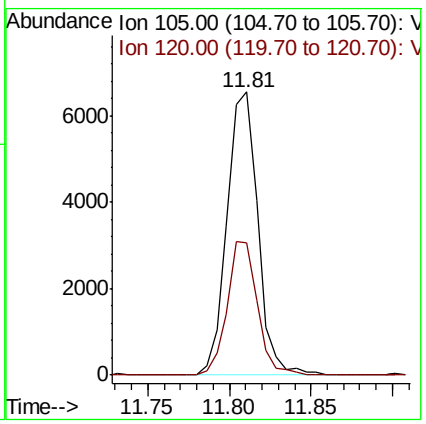


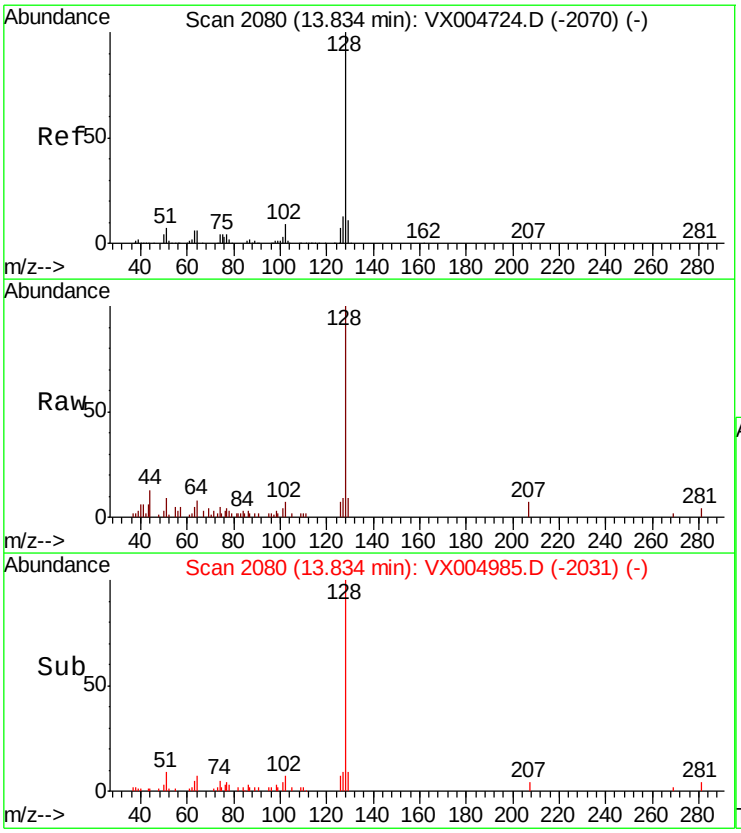
#84
1,2,4-Trimethylbenzene
Concen: 0.391 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#11

Tgt Ion:105 Resp: 8607

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.8	68.3





#95
Naphthalene
Concen: 0.947 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004985.D
Acq: 03 Oct 2018 22:28

Tgt Ion:128 Resp: 4733

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	9.7	8.7	13.1